

## REMARKS

### Concerning the Amendments

The specification at page 1 is amended to incorporate a Cross-Reference to Related Applications. This application is a 371 of International Patent Application Serial No. PCT/US2004/020813, filed June 28, 2004, which claims the benefit of US Provisional Patent Application Serial No. 60/484807, filed July 3, 2003.

Claims 2, 3, 6, 9, 10, 14, 17, 18, 24, 29, 31, and 32 are canceled.

Claim 5 is amended to incorporate a range of total pressure. Support for this amendment is found in original Claim 6, now canceled, and at page 8, lines 1-19, of the specification.

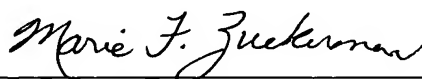
Claim 8 is amended to incorporate a list of C<sub>4-60</sub> polyenes. Support for this amendment is found in original Claim 9, now canceled, and at page 18, lines 6-16, of the specification.

Claim 27 is amended to incorporate a range of temperature. Support for this amendment is found in original Claim 29, now canceled, and at page 29, lines 10-13, of the specification.

Claim 30 is amended to incorporate two alternative methods of reverting ligand degradation product comprising an adduct of triorganophosphine and 2-pentenal. One method involves hydrogenating 2-pentenal with hydrogen. The other method involves hydroformylating 2-pentenal with synthesis gas. Support for the two alternative reversion methods is found in original Claims 31 and 32, now canceled, and at page 29, lines 29-31, continuing onto page 30, lines 1-18, of the specification.

The Patent Office is authorized to charge Deposit Account 04-1512 the required fee for the amended claims. A Notice of Allowance is solicited at the Examiner's earliest convenience.

Respectfully submitted,



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